

File Copy

09/462,429

| | Type | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition |
|---|------|------|---|------------------------------------|------------------|----------|------------------|
| 1 | IS&R | 1 | ("6087563").PN. | USPAT | 2001/08/17 15:05 | | |
| 2 | IS&R | 2 | ((("6268549") or ("5510471")).PN. | USPAT | 2001/08/17 13:40 | | |
| 3 | BRS | 51 | HPPD or (hydroxyphenyl adj pyruvate adj dioxynase) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2001/08/17 15:06 | | |
| 4 | BRS | 7 | (HPPD or (hydroxyphenyl adj pyruvate adj dioxynase)) and ((vitamine adj E) or (tocopherol)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2001/08/17 15:06 | | |

(FILE 'HOME' ENTERED AT 14:45:42 ON 17 AUG 2001)

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 14:46:08 ON 17 AUG 2001

L1 146 S HPPD OR (HYDROXYPHENYL PYRUVATE DIOXYGENASE)
L2 18 S L1 AND ((VITAMINE E) OR (TOCOPHEROL))
L3 12 DUP REM L2 (6 DUPLICATES REMOVED)

}

L3 ANSWER 1 OF 12 AGRICOLA DUPLICATE 1
 AN 2001:50952 AGRICOLA
 DN IND23211480
 TI From inhibitors to target site genes and beyond - - herbicidal inhibitors
 as powerful tools for functional genomics.
 AU Zhen, R.G.; Singh, B.K.
 AV DNAL (79.8 W41)
 SO Weed science, Mar/Apr 2001. Vol. 49, No. 2. p. 266-272
 Publisher: Lawrence, KS : Weed Science Society of America.
 CODEN: WEESA6; ISSN: 0043-1745
 NTE Paper presented at a symposium on the "Impact of Biotechnology and
 Genomics on Weed Science" held 2000, Toronto, Ontario, Canada.
 Includes references
 CY Kansas; United States
 DT Article; Law
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L3 ANSWER 2 OF 12 AGRICOLA DUPLICATE 2
 AN 2001:37338 AGRICOLA
 DN IND22436566
 TI Mesotrione: a new selective herbicide for use in maize.
 AU Mitchell, G.; Bartlett, D.W.; Fraser, T.E.M.; Hawkes, T.R.; Holt, D.C.;
 Townson, J.K.; Wichert, R.A.
 SO Pest management science, Feb 2001. Vol. 57, No. 2. p. 120-128
 Publisher: West Sussex, UK : Wiley, c2000-
 CODEN: PMSCFC; ISSN: 1526-498X
 NTE Special Issue: New Chemistries for Crop Protection.
 Includes references
 CY England; United Kingdom
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L3 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:197036 CAPLUS
 TI Discovery of benzoyl-3-phenylpyrazole herbicides
 AU Lo, William C.; Benko, Zoltan
 CS Discovery Research, Dow AgroSciences, Indianapolis, IN, 46268, USA
 SO Abstr. Pap. - Am. Chem. Soc. (2001), 221st, AGRO-074
 CODEN: ACSRAL; ISSN: 0065-7727
 PB American Chemical Society
 DT Journal; Meeting Abstract
 LA English

L3 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:196965 CAPLUS
 TI Benzoyl-1,3-disubstitutedpyrazole herbicides
 AU Garvin, Gail M.; Benko, Zoltan; Lo, William C.
 CS Discovery Research, Dow AgroSciences, Indianapolis, IN, 46268, USA
 SO Abstr. Pap. - Am. Chem. Soc. (2001), 221st, AGRO-003
 CODEN: ACSRAL; ISSN: 0065-7727
 PB American Chemical Society
 DT Journal; Meeting Abstract
 LA English

L3 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:196964 CAPLUS
 TI 3-Azabenzoylpyrazole herbicides
 AU Benko, Zoltan; Shinkle, Sharon; McQuiston, Jeffery; Webster, Jeffery;
 Jackson, Johnny; Garvin, Gail; Turner, James; Ricks, Michael; Ouse, Dave;
 Patterson, Eileen; Weimer, Monte
 CS Discovery Research, Dow AgroSciences, Indianapolis, IN, 46268, USA
 SO Abstr. Pap. - Am. Chem. Soc. (2001), 221st, AGRO-002
 CODEN: ACSRAL; ISSN: 0065-7727
 PB American Chemical Society
 DT Journal; Meeting Abstract
 LA English

L3 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:117168 CAPLUS
 DN 132:176597
 TI Overproduction of .alpha.-tocopherol with transgenic plants
 expressing deoxyxylulose phosphate synthase, hydroxyphenylpyruvate
 dioxygenase, and/or geranylgeranyl pyrophosphate oxidoreductase
 IN Reindl, Andreas; Mejia, Patricia Leon; Palmas, Juan Manuel Esteves;
 Gracia, Maria Araceli Canter; Ebneith, Marcus; Herbers, Karin
 PA Sungene G.m.b.H. & Co.K.-G.a.A., Germany
 SO PCT Int. Appl., 94 pp.
 CODEN: PIXXD2

DT Patent
 LA German

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|------------------|----------|
| PI | WO 2000008169 | A1 | 20000217 | WO 1999-EP5467 | 19990730 |
| | W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HR, HU, ID, IL, IN, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | DE 19835219 | A1 | 20000210 | DE 1998-19835219 | 19980805 |
| | DE 19845216 | A1 | 20000406 | DE 1998-19845216 | 19981001 |
| | DE 19845224 | A1 | 20000406 | DE 1998-19845224 | 19981001 |
| | DE 19845231 | A1 | 20000406 | DE 1998-19845231 | 19981001 |
| | AU 9954157 | A1 | 20000228 | AU 1999-54157 | 19990730 |
| | EP 1102852 | A1 | 20010530 | EP 1999-940083 | 19990730 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| PRAI | DE 1998-19835219 | A | 19980805 | | |
| | DE 1998-19845216 | A | 19981001 | | |
| | DE 1998-19845224 | A | 19981001 | | |
| | DE 1998-19845231 | A | 19981001 | | |
| | WO 1999-EP5467 | W | 19990730 | | |

RE.CNT 11

RE

- (1) Basf Ag; EP 0723017 A 1996 CAPLUS
 - (2) Christine, S; WO 9806862 A 1998 CAPLUS
 - (3) David, M; WO 9911757 A 1999 CAPLUS
 - (4) Hoechst Schering Agrevo Gmbh; DE 19752700 A 1999 CAPLUS
 - (5) Jomaa, H; WO 9952938 A 1999 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 3
 AN 2000:392892 BIOSIS
 DN PREV200000392892
 TI Combined use of 13C- and 19F-NMR to analyse the mode of action and the
 metabolism of the herbicide isoxaflutole.
 AU Aubert, Serge (1); Pallett, Kenneth E.
 CS (1) DBMS-PCV, CEA-Grenoble, 17, rue des Martyrs, 38054, Grenoble cedex, 9
 France
 SO Plant Physiology and Biochemistry (Paris), (June, 2000) Vol. 38, No. 6,
 pp. 517-523. print.
 ISSN: 0981-9428.
 DT Article
 LA English
 SL English

L3 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:74827 CAPLUS
 DN 132:103745
 TI Transgenic plants overexpressing hydroxyphenyl pyruvate
 dioxygenase for the production of tocopherols
 PA Rhone Poulenc Agro S. A., Fr.
 SO Fr. Demande, 14 pp.
 CODEN: FRXXBL
 DT Patent

LA French

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| | ----- | --- | ----- | ----- | ----- |
| PI | FR 2778527 | A1 | 19991119 | FR 1998-6475 | 19980518 |

L3 ANSWER 9 OF 12 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

AN 1999277542 EMBASE

TI Crystal structure of Pseudomonas fluorescens 4-hydroxyphenylpyruvate dioxygenase: An enzyme involved in the tyrosine degradation pathway.
AU Serre L.; Sailland A.; Sy D.; Boudec P.; Rolland A.; Pebay-Peyroula E.; Cohen- Addad C.

CS L. Serre, Inst. Biologie Struct. 'J.-P. Ebet', CNRS/CEA, 41 Avenue des Martyrs, 38027 Grenoble Cedex 1, France. laurence@anrs-orleans.fr

SO Structure, (15 Aug 1999) 7/8 (977-988).

Refs: 50

ISSN: 0969-2126 CODEN: STRUE6

CY United Kingdom

DT Journal; Article

FS 004 Microbiology

029 Clinical Biochemistry

LA English

SL English

L3 ANSWER 10 OF 12 AGRICOLA

DUPLICATE 4

AN 1999:21469 AGRICOLA

DN IND21968458

TI Complementation of the Arabidopsis pds1 mutation with the gene encoding p-hydroxyphenylpyruvate dioxygenase.

AU Norris, S.R.; Shen, X.H.; DellaPenna, D.

CS Boyce Thompson Institute, Ithaca, NY.

SO Plant physiology, Aug 1998. Vol. 117, No. 4. p. 1317-1323

Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
CODEN: PLPHAY; ISSN: 0032-0889

NTE Includes references

CY Maryland; United States

DT Article; Conference

FS U.S. Imprints not USDA, Experiment or Extension

LA English

L3 ANSWER 11 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS

AN 1998:338549 BIOSIS

DN PREV199800338549

TI Expression of the gene coding for 4-hydroxyphenylpyruvate dioxygenase (**HPPD**) suggests an essential role of **tocopherols** during leaf senescence.

AU Krupinska, K.; Falk, J.

CS Botany, Univ. Cologne, Cologne Germany

SO Journal of Experimental Botany, (May, 1998) Vol. 49, No. SUPPL., pp. 46.

Meeting Info.: The Society for Experimental Biology Annual Meeting London, England, UK March 22-27, 1998 Society for Experimental Biology
. ISSN: 0022-0957.

DT Conference

LA English

L3 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2001 ACS

AN 1994:624227 CAPLUS

DN 121:224227

TI The novel mechanism of action of the herbicidal triketones.

AU Prisbylla, M. P.; Onisko, B. C.; Shribbs, J. M.; Adams, D. O.; Liu, Y.; Ellis, M. K.; Hawkes, T. R.; Mutter, L. C.

CS West. Res. Cent., Zeneca Ag Prod., Richmond, CA, USA

SO Brighton Crop Prot. Conf.--Weeds (1993), (VOL. 2), 731-8

CODEN: BCPWE2; ISSN: 0955-1514

DT Journal

LA English

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